

In the Claims

Please rewrite the indicated claims to read as follows:

21. A broad screen analytical detection element, capable of detection of several classes of gas or liquid analytes, said detection element comprising

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a first region comprising a solid and adsorbed on said solid a radiant energy-detectable material or a material capable of producing a radiant energy-detectable material, wherein said radiant energy-detectable material or said material capable of producing a radiant energy-detectable material is displaceable by a target analyte; and

a second region for sequestering radiant energy-detectable material (compartment 3 in figure)

(a) displaced from or

(b) produced by material displaced from said solid prior to detection of said radiant energy-detectable material,

wherein either said first region or said second region further comprises a high boiling plasticizer/solvent.

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25. The analytical detection element of claim 44 wherein said first region is applied to a surface as a coating material.

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31. The analytical detection element of claim 43, wherein said sample capture layer is near the top of the layer stack of said detection element.

32. The analytical detection element of claim 43, wherein said sample capture layer is at the top of the layer stack of said detection element.

33. A broad screen analyte detection badge comprising the broad screen analytical detection element of claim 43.

Please add the following new claims:

43. The broad screen analytical detection element of claim 21, wherein

said first region constitutes a sample capture layer, said second region contains (a) a concentrating or mordanting layer, (b) an opacifying or reflecting layer or (c) both said layers;

and wherein said analytical detection element also comprises a transparent base layer.

44. A broad screen analytical detection element, capable of detection of several classes of gas or liquid analytes, said detection element comprising a first region comprising

(a) a solid and adsorbed on said solid a radiant energy-detectable material or a material capable of producing a radiant energy-detectable material, wherein said radiant energy-detectable material or said material capable of producing a radiant energy-detectable material is displaceable by a target analyte, and
(b) a high boiling plasticizer/solvent.

45. The method of claim 38 wherein said high boiling plasticizer/solvent is selected from the group consisting of

alcohols, diols and higher polyols, sulfoxides, amides, esters, carbonates and ketones.

46. The method of claim 45 wherein said high boiling plasticizer/solvent is selected from the group consisting of propylene carbonate; 1,4-butanediol; 1,2-propanediol; and 2-methyl-1,3-propanediol.

Please cancel claims ~~24~~ and 30.